

Customer Part:

Description

 Industry standard SMD crystal with a 3rd centre leg for 'grounding' the package.

Resistance welded, hermetically sealed in an inert atmosphere, glass to metal seals on leads.

Lead wires are mounted onto a plastic former to create a gull wing mount.

Model IQXC-41Model Issue number 16

Frequency Parameters

Frequency
 Frequency Tolerance
 Tolerance Condition
 Frequency Stability
 Operating Temperature Range
 Overtone Order
 24.0MHz
 ±20.00ppm
 ±20.00ppm
 ±30.00ppm
 -40.00 to 85.00°C
 Fundamental

■ Ageing ±5ppm typical per year @ 25°C

Electrical Parameters

■ Load Capacitance (CL) 18.00pF

Shunt Capacitance (C0) 7pF max

Drive Level 500μW max

ESR 40.00Ω max

Environmental Parameters

 Shock: 981m/s², 6ms, 3 times in each of 3 mutually perpendicular planes

 Vibration: 10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s², 30mins in 3 mutually perpendicular planes

Storage Temperature Range: -55 to 125°C

Compliance

RoHS Status (2015/863/EU)
 REACh Status
 MSL Rating (JDEC-STD-033):
 Not Applicable

Packaging Details

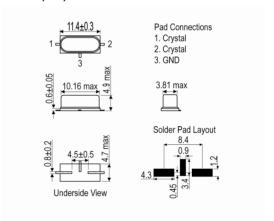
Pack Style: Reel
 Tape & reel in accordance with EIA-481-D

Pack Size: 1,000

Alternative packing option available



Outline (mm)



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